

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|--|---------------------|
| 1 | 929 | ((398/39,67,68,70-72,168,167.5) or (725/124,129) or (370/286)).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/06/23 13:43 |
| 3 | 1139 | (379/90.01).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/06/23 13:44 |
| 4 | 10 | bellsouth.as. and FTTH | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/06/23 13:44 |
| 2 | 69 | ((398/39,67,68,70-72,168,167.5) or (725/124,129) or (370/286)).CCLS.) and @pd>20031001 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/06/23 13:45 |
| 5 | 0 | ((379/90.01).CCLS.) and (analog and digital) adj television and telephony and multiplex\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/06/23 13:46 |
| 6 | 6 | ((379/90.01).CCLS.) and (analog and digital) adj video and telephony and multiplex\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/06/23 13:46 |
| 7 | 92 | digital and analog and (video or television or tv) and optical adj (mux or multiplexer or multiplexing) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/06/23 14:39 |
| - | 13 | ((725/129).CCLS.) and DBS and CATV | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 12:09 |
| - | 7 | ((725/129).CCLS.) and DBS and CATV) and telephony | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/19 15:02 |
| - | 7 | ((725/129).CCLS.) and DBS and CATV) and telephony) and multiplex\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/19 15:03 |
| - | 36 | ((725/129) or (359/125,137)).CCLS.) and DBS and CATV | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 12:10 |
| - | 19 | ((725/129).CCLS.) and DBS and CATV) or ((725/129) or (359/125,137)).CCLS.) and DBS and CATV and telephony and multiplex\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/19 15:07 |
| - | 5 | marconi.as. and PON | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 12:32 |
| - | 2 | marconi.as. and CATV and DBS and optical | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/19 15:23 |
| - | 216 | FTTH | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 14:24 |
| - | 26 | FTTH and PON | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/19 16:53 |
| - | 2 | ("5046067").PN. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/19 15:28 |

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|---|-----|--|--|---------------------|
| - | 18 | 5046067.URPN. | USPAT | 2003/02/19 15:28 |
| - | 250 | video.ti. and pedest.al.ti. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/02/19 15:39 |
| - | 4 | video.ti. and pedest.al.ti. and rao.in. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/02/19 15:39 |
| - | 19 | FTTH and (satellite or "DBS") | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/02/19 16:54 |
| - | 2 | ("5479286").PN. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/02/20 13:46 |
| - | 9 | 5479286.URPN. | USPAT | 2003/02/20 13:46 |
| - | 0 | ((725/129).CCLS.) and DBS and CATV | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/02/20 12:10 |
| - | 0 | ((725/129).CCLS.) and DBS | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/02/20 12:10 |
| - | 1 | ((((725/129) or (359/125,137)).CCLS.) and DBS | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/02/21 15:15 |
| - | 0 | ((((725/129) or (359/125,137)).CCLS.) and directtv | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/02/20 12:34 |
| - | 135 | marconi.as. and DBS | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/02/20 12:32 |
| - | 1 | ((((725/129) or (359/125,137)).CCLS.) and direct adj satellite | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/02/20 12:36 |

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|---|-----|--|--|---------------------|
| - | 9 | ((("5022755") or ("5579328") or ("5861966") or ("4491983") or ("4686667") or ("4763317") or ("4891694") or ("5136411") or ("5193110") or ("5325223") or ("5349457") or ("5499241") or ("5526350") or ("5553311") or ("5623490") or ("5808767") or ("5864415") or ("5870395") or ("5880864") or ("5995491") or ("5421030") or ("5022755") or ("5579328") or ("5861966") or ("4962497") or ("4534024") or ("5586121") or ("5491797") or ("5381405") or ("5544163") or ("5617423") or ("5463616") or ("4058672") or ("4476559") or ("5341374") or ("4408323") or ("4577314") or ("5247347") or ("5381405") or ("5014266") or ("4592048") or ("5544164") or ("4768188") or ("4730311") or ("5046067") or ("5608565") or ("5504606") or ("5500753") or ("5469282") or ("5267122") or ("5600469") or ("5303229") or ("5572347") or ("5640387") or ("4903292") or ("5263081") or ("5784377") or ("5566239") or ("5729370") or ("5287344") or ("5383180") or ("4967193") or ("5355362") or ("4888765") or ("4881225") or ("4771425") or ("5555244") or ("5742596") or ("5526353") or ("5594734")).PN.) and (DBS or direct-to-home or direct adj satellite) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 10:11 |
| - | 9 | 5479286.URPN. | USPAT | 2003/02/20 13:47 |
| - | 14 | FTT\$1 and (telephon\$1 and multiplex\$4 and (EDFA or Erbium)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 14:41 |
| - | 2 | ("5911019" "6295148").PN. | USPAT | 2003/02/20 14:26 |
| - | 4 | FTT\$1 and telephon\$1 and multiplex\$4 and (EDFA or Erbium) and ethernet | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 17:10 |
| - | 7 | fiber and telephon\$1 and multiplex\$4 and (EDFA or Erbium) and ethernet and internet | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 14:39 |
| - | 74 | (725/129).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 14:41 |
| - | 7 | FTT\$1 and telephon\$1 and (EDFA or Erbium) and (ethernet or internet) and (television or video or CATV) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 15:12 |
| - | 392 | "1310" adj (nm or nanometers) and "1550" adj (nm or nanometers) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 16:05 |
| - | 31 | ("1310" adj (nm or nanometers) and "1550" adj (nm or nanometers)) and telephon\$1 and data and video | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 16:05 |
| - | 10 | ((("725/129) or (359/125,137)).CCLS.) and ("1310" adj (nm or nanometers) and "1550" adj (nm or nanometers)) and telephon\$1 and data and video) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 16:28 |
| - | 2 | ("4,763,317").PN. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/20 16:28 |

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|---|-----|--|--|---------------------|
| - | 2 | ("5351148" "5680238").PN. | USPAT | 2003/02/20 16:30 |
| - | 61 | ((("5022755") or ("5579328") or ("5861966") or ("4491983") or ("4686667") or ("4763317") or ("4891694") or ("5136411") or ("5193110") or ("5325223") or ("5349457") or ("5499241") or ("5526350") or ("5553311") or ("5623490") or ("5808767") or ("5864415") or ("5870395") or ("5880864") or ("5995491") or ("5421030") or ("5022755") or ("5579328") or ("5861966") or ("4962497") or ("4534024") or ("5586121") or ("5491797") or ("5381405") or ("5544163") or ("5617423") or ("5463616") or ("4058672") or ("4476559") or ("5341374") or ("4408323") or ("4577314") or ("5247347") or ("5381405") or ("5014266") or ("4592048") or ("5544164") or ("4768188") or ("4730311") or ("5046067") or ("5608565") or ("5504606") or ("5500753") or ("5469282") or ("5267122") or ("5600469") or ("5303229") or ("5572347") or ("5640387") or ("4903292") or ("5263081") or ("5784377") or ("5566239") or ("5729370") or ("5287344") or ("5383180") or ("4967193") or ("5355362") or ("4888765") or ("4881225") or ("4771425") or ("5555244") or ("5742596") or ("5526353") or ("5594734"))).PN.) and "50" | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 17:49 |
| - | 9 | ((("5022755") or ("5579328") or ("5861966") or ("4491983") or ("4686667") or ("4763317") or ("4891694") or ("5136411") or ("5193110") or ("5325223") or ("5349457") or ("5499241") or ("5526350") or ("5553311") or ("5623490") or ("5808767") or ("5864415") or ("5870395") or ("5880864") or ("5995491") or ("5421030") or ("5022755") or ("5579328") or ("5861966") or ("4962497") or ("4534024") or ("5586121") or ("5491797") or ("5381405") or ("5544163") or ("5617423") or ("5463616") or ("4058672") or ("4476559") or ("5341374") or ("4408323") or ("4577314") or ("5247347") or ("5381405") or ("5014266") or ("4592048") or ("5544164") or ("4768188") or ("4730311") or ("5046067") or ("5608565") or ("5504606") or ("5500753") or ("5469282") or ("5267122") or ("5600469") or ("5303229") or ("5572347") or ("5640387") or ("4903292") or ("5263081") or ("5784377") or ("5566239") or ("5729370") or ("5287344") or ("5383180") or ("4967193") or ("5355362") or ("4888765") or ("4881225") or ("4771425") or ("5555244") or ("5742596") or ("5526353") or ("5594734"))).PN.) and CATV and MHz | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:56 |
| - | 962 | (359/189).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:56 |
| - | 3 | ((359/189).CCLS.) and Internet and (video or television or CATV) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:57 |

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|---|----|--|--|---------------------|
| - | 0 | ((("5022755") or ("5579328") or ("5861966") or ("4491983") or ("4686667") or ("4763317") or ("4891694") or ("5136411") or ("5193110") or ("5325223") or ("5349457") or ("5499241") or ("5526350") or ("5553311") or ("5623490") or ("5808767") or ("5864415") or ("5870395") or ("5880864") or ("5995491") or ("5421030") or ("5022755") or ("5579328") or ("5861966") or ("4962497") or ("4534024") or ("5586121") or ("5491797") or ("5381405") or ("5544163") or ("5617423") or ("5463616") or ("4058672") or ("4476559") or ("5341374") or ("4408323") or ("4577314") or ("5247347") or ("5381405") or ("5014266") or ("4592048") or ("5544164") or ("4768188") or ("4730311") or ("5046067") or ("5608565") or ("5504606") or ("5500753") or ("5469282") or ("5267122") or ("5600469") or ("5303229") or ("5572347") or ("5640387") or ("4903292") or ("5263081") or ("5784377") or ("5566239") or ("5729370") or ("5287344") or ("5383180") or ("4967193") or ("5355362") or ("4888765") or ("4881225") or ("4771425") or ("5555244") or ("5742596") or ("5526353") or ("5594734")).PN.) and ("33,000" or "33000") with (feet or ft or ft.) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 13:03 |
| - | 0 | ((("725/129) or (359/125,137)).CCLS.) and ("33,000" or "33000") with (feet or ft or ft.) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 13:04 |
| - | 7 | ((("5022755") or ("5579328") or ("5861966") or ("4491983") or ("4686667") or ("4763317") or ("4891694") or ("5136411") or ("5193110") or ("5325223") or ("5349457") or ("5499241") or ("5526350") or ("5553311") or ("5623490") or ("5808767") or ("5864415") or ("5870395") or ("5880864") or ("5995491") or ("5421030") or ("5022755") or ("5579328") or ("5861966") or ("4962497") or ("4534024") or ("5586121") or ("5491797") or ("5381405") or ("5544163") or ("5617423") or ("5463616") or ("4058672") or ("4476559") or ("5341374") or ("4408323") or ("4577314") or ("5247347") or ("5381405") or ("5014266") or ("4592048") or ("5544164") or ("4768188") or ("4730311") or ("5046067") or ("5608565") or ("5504606") or ("5500753") or ("5469282") or ("5267122") or ("5600469") or ("5303229") or ("5572347") or ("5640387") or ("4903292") or ("5263081") or ("5784377") or ("5566239") or ("5729370") or ("5287344") or ("5383180") or ("4967193") or ("5355362") or ("4888765") or ("4881225") or ("4771425") or ("5555244") or ("5742596") or ("5526353") or ("5594734")).PN.) and (feet or ft or ft.) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 13:03 |
| - | 25 | ((("725/129) or (359/125,137)).CCLS.) and (feet or ft or ft.) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 13:04 |
| - | 5 | (US-6427035-\$ or US-5822102-\$ or US-5694234-\$ or US-5940738-\$ or US-5805591-\$).did. | USPAT | 2003/02/21 13:21 |

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|---|------|---|--|---------------------|
| - | 0 | ((US-6427035-\$ or US-5822102-\$ or US-5694234-\$ or US-5940738-\$ or US-5805591-\$).did.) and fusion | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 14:45 |
| - | 0 | optical adj mainframe | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 14:46 |
| - | 139 | optical with mainframe | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 14:48 |
| - | 5 | (optical with mainframe) and transport with fiber | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:10 |
| - | 34 | ((725/129) or (359/125,137)).CCLS.) and Internet and (telephon\$1) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:16 |
| - | 21 | ((725/129) or (359/125,137)).CCLS.) and Internet and (telephon\$1)) and ATM | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:38 |
| - | 5 | DISC*S | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 15:38 |
| - | 6 | (US-5940738-\$ or US-5805591-\$ or US-6427035-\$ or US-5822102-\$ or US-5694234-\$ or US-6498667-\$).did. | USPAT | 2003/02/22 13:57 |
| - | 66 | ("5022755") or ("5579328") or ("5861966") or ("4491983") or ("4686667") or ("4763317") or ("4891694") or ("5136411") or ("5193110") or ("5325223") or ("5349457") or ("5499241") or ("5526350") or ("5553311") or ("5623490") or ("5808767") or ("5864415") or ("5870395") or ("5880864") or ("5995491") or ("5421030") or ("5022755") or ("5579328") or ("5861966") or ("4962497") or ("4534024") or ("5586121") or ("5491797") or ("5381405") or ("5544163") or ("5617423") or ("5463616") or ("4058672") or ("4476559") or ("5341374") or ("4408323") or ("4577314") or ("5247347") or ("5381405") or ("5014266") or ("4592048") or ("5544164") or ("4768188") or ("4730311") or ("5046067") or ("5608565") or ("5504606") or ("5500753") or ("5469282") or ("5267122") or ("5600469") or ("5303229") or ("5572347") or ("5640387") or ("4903292") or ("5263081") or ("5784377") or ("5566239") or ("5729370") or ("5287344") or ("5383180") or ("4967193") or ("5355362") or ("4888765") or ("4881225") or ("4771425") or ("5555244") or ("5742596") or ("5526353") or ("5594734")).PN. | USPAT | 2003/02/22 13:57 |
| - | 1376 | ethernet and telephony | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/22 16:15 |
| - | 434 | ethernet and telephony and packet and priority | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/22 16:16 |

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|---|-----|---|--|---------------------|
| - | 81 | (ethernet and telephony and packet and priority) and PCM | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/22 16:54 |
| - | 43 | ((ethernet and telephony and packet and priority) and PCM) and (data or Internet) and (fiber) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/22 16:18 |
| - | 50 | ("4058672" "4408323" "4476559" "4534024" "4577314" "4592048" "4730311" "4763317" "4768188" "4771425" "4881225" "4888765" "4903292" "4962497" "4967193" "5014266" "5046067" "5247347" "5263081" "5267122" "5287344" "5303229" "5325223" "5341374" "5349457" "5355362" "5381405" "5383180" "5463616" "5469282" "5491797" "5500753" "5504606" "5526353" "5544163" "5544164" "5555244" "5566239" "5572347" "5586121" "5594734" "5600469" "5608565" "5617423" "5640387" "5729370" "5742596" "5784377" "5991292" "6122255").PN. | USPAT | 2003/10/30 13:05 |
| - | 20 | ((("4058672" "4408323" "4476559" "4534024" "4577314" "4592048" "4730311" "4763317" "4768188" "4771425" "4881225" "4888765" "4903292" "4962497" "4967193" "5014266" "5046067" "5247347" "5263081" "5267122" "5287344" "5303229" "5325223" "5341374" "5349457" "5355362" "5381405" "5383180" "5463616" "5469282" "5491797" "5500753" "5504606" "5526353" "5544163" "5544164" "5555244" "5566239" "5572347" "5586121" "5594734" "5600469" "5608565" "5617423" "5640387" "5729370" "5742596" "5784377" "5991292" "6122255").PN.) and PCM | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/22 16:55 |
| - | 3 | ((("4058672" "4408323" "4476559" "4534024" "4577314" "4592048" "4730311" "4763317" "4768188" "4771425" "4881225" "4888765" "4903292" "4962497" "4967193" "5014266" "5046067" "5247347" "5263081" "5267122" "5287344" "5303229" "5325223" "5341374" "5349457" "5355362" "5381405" "5383180" "5463616" "5469282" "5491797" "5500753" "5504606" "5526353" "5544163" "5544164" "5555244" "5566239" "5572347" "5586121" "5594734" "5600469" "5608565" "5617423" "5640387" "5729370" "5742596" "5784377" "5991292" "6122255").PN.) and PCM and ethernet | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/02/22 16:55 |
| - | 2 | ("6427045").PN. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 12:58 |
| - | 175 | kimbrough.in. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 12:59 |

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|---|------|--|--|---------------------|
| - | 6 | kimbrough.in. and echo | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/06/22 13:32 |
| - | 2848 | echo adj cancellation | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 15:02 |
| - | 14 | echo adj cancellation and PON | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 15:05 |
| - | 14 | echo adj cancellation and HFC | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 15:07 |
| - | 0 | echo adj cancellation and HNU | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 15:08 |
| - | 0 | echo adj cancellation and ONU | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 15:09 |
| - | 354 | echo adj cancellation and optical | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 15:15 |
| - | 79 | (725/129).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 17:09 |
| - | 63 | echo adj cancellation and optical and passive | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 14:34 |
| - | 2 | ("5479286").PN. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 15:56 |
| - | 93 | (398/66).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 16:48 |
| - | 17 | cancellation and ((398/194).CCLS.) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 16:08 |
| - | 46 | (398/194).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 16:14 |
| - | 8 | (reflection or echo) adj cancellation and 398/\$.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 16:54 |
| - | 67 | echo adj cancellation and infrared | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 16:42 |
| - | 1 | reflection adj cancellation and infrared | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 16:42 |
| - | 3 | (reflection or echo) adj cancellation and 398/\$.ccls. | US-PGPUB | 2003/08/27 16:43 |
| - | 80 | (398/195).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/08/27 16:50 |

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| - | 0 | ((398/195).CCLS.) and (reflection or noise) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/08/27 16:53 |
| - | 23 | (reflection or echo or noise) adj cancellation and 398/\$.ccls. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/08/27 16:55 |
| - | 21 | FTT\$1 and telephon\$1 and multiplex\$4 and (EDFA or Erbium) and ethernet | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/08/27 17:14 |
| - | 437 | FTTH | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/08/27 17:13 |
| - | 92 | FTTH and television and telephon\$1 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/08/27 17:14 |
| - | 11 | 5680238.URPN. | USPAT | 2003/08/27 17:41 |
| - | 66 | ((("4491983") or ("4686667") or ("4763317") or ("4891694") or ("5136411") or ("5193110") or ("5325223") or ("5349457") or ("5499241") or ("5526350") or ("5553311") or ("5623490") or ("5808767") or ("5864415") or ("5870395") or ("5880864") or ("5995491") or ("5421030") or ("5022755") or ("5579328") or ("5861966") or ("4962497") or ("4534024") or ("5586121") or ("5491797") or ("5381405") or ("5544163") or ("5617423") or ("5463616") or ("4058672") or ("4476559") or ("5341374") or ("4408323") or ("4577314") or ("5247347") or ("5381405") or ("5014266") or ("4592048") or ("5544164") or ("4768188") or ("4730311") or ("5046067") or ("5608565") or ("5504606") or ("5500753") or ("5469282") or ("5267122") or ("5600469") or ("5303229") or ("5572347") or ("5640387") or ("4903292") or ("5263081") or ("5784377") or ("5566239") or ("5729370") or ("5287344") or ("5383180") or ("4967193") or ("5355362") or ("4888765") or ("4881225") or ("4771425") or ("5555244") or ("5742596") or ("5526353") or ("5594734")).PN.) | USPAT | 2003/08/27 17:51 |
| - | 0 | ((725/129) or (359/125,137)).CCLS.) and (analog and digital) adj television and telephony and multiplex\$4 | USPAT; EPO; JPO; DERWENT; IBM TDB | 2004/06/23 13:46 |
| - | 7 | ((725/129) or (359/125,137)).CCLS.) and DBS and CATV and telephony and multiplex\$4 | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/10/30 11:05 |
| - | 327 | (398/39,67,68,70-72,168,167.5).CCLS. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2004/06/23 13:43 |
| - | 28 | ((398/39,67,68,70-72,168,167.5).CCLS.) and television same (analog and (digital or MPEG\$2)) and (data or internet or telephon\$2) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2003/10/30 14:19 |
| - | 39 | 5202780.URPN. | USPAT | 2003/10/30 12:20 |

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|---|-----|--|--|---------------------|
| - | 8 | ("4058672" "4408323" "4476559" "4534024" "4577314" "4592048" "4730311" "4763317" "4768188" "4771425" "4881225" "4888765" "4903292" "4962497" "4967193" "5014266" "5046067" "5247347" "5263081" "5267122" "5287344" "5303229" "5325223" "5341374" "5349457" "5355362" "5381405" "5383180" "5463616" "5469282" "5491797" "5500753" "5504606" "5526353" "5544163" "5544164" "5555244" "5566239" "5572347" "5586121" "5594734" "5600469" "5608565" "5617423" "5640387" "5729370" "5742596" "5784377" "5991292" "6122255").PN. and echo | USPAT | 2003/10/30 13:06 |
| - | 0 | ((398/39,67,68,70-72,168,167.5).CCLS.) and echo with cancellation | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 14:20 |
| - | 0 | ((398/39,67,68,70-72,168,167.5).CCLS.) and echo same cancellation | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 14:20 |
| - | 8 | 398/\$.ccls. and echo same cancellation | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 14:20 |
| - | 2 | ("4701935" "4995104").PN. | USPAT | 2003/10/30 14:33 |
| - | 10 | echo adj cancellation and optical with passive | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 15:28 |
| - | 40 | echo adj cancellation and siemens.as. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 15:25 |
| - | 66 | echo adj cancellation and optical and passive | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 18:10 |
| - | 803 | (370/286-292).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 18:10 |
| - | 3 | ((370/286-292).CCLS.) and inject\$3) and optical | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 18:11 |
| - | 44 | ((370/286-292).CCLS.) and inject\$3 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 18:48 |
| - | 473 | ((370/286-292).CCLS.) and echo with (cancellation or suppression) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 18:17 |
| - | 36 | ((370/286-292).CCLS.) and echo with (cancellation or suppression)) and inject\$3 | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/30 18:18 |
| - | 9 | ("5543951" "5684841" "5796795" "5978374" "6011637" "RE36633" "6038226" "6044122" "6262997").PN. | USPAT | 2003/10/30 18:18 |
| - | 30 | (725/124).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/31 10:16 |

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|---|----|-------------------------------|--|---------------------|
| - | 53 | (725/125).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2003/10/31 11:43 |
| - | 1 | kimbrough.in. and FTTH.ti. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/06/22 13:47 |
| - | 22 | kimbrough.in. and marconi.as. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/06/22 17:01 |